

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/050581

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/04 H03F1/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H03F H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 928 072 A (NOKIA MOBILE PHONES LTD) 7 July 1999 (1999-07-07)	1,3,5, 14,15,18 1,2,4,7, 8,10-13, 16,17
Y	paragraph '0007! paragraph '0021! figure 2 figures 3A,3B figure 4	
Y	GB 2 389 006 A (* MOTOROLA INC) 26 November 2003 (2003-11-26) page 2, line 1 - line 8 figures 1,2,4	1,4,16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

26 April 2005

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06/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Avilés Martínez, L

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 909 642 A (SUZUKI HIROSHI) 1 June 1999 (1999-06-01)	9
Y	column 2, line 48 - line 54 figure 1	2,10
X	US 5 712 593 A (AGAR JR BILL TABANO ET AL) 27 January 1998 (1998-01-27)	9
Y	column 3, line 33 - column 4, line 10 column 4, line 58 - line 65 column 6, line 1 - line 4 figures 1,2	2,7,8, 11-13,17
Y	EP 1 124 337 A (NOKIA INC) 16 August 2001 (2001-08-16) paragraphs '0015!', '0016! paragraph '0064! figure 2a figure 6	4,10,12, 17

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Information on patent family members

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GB 2389006	A	26-11-2003	NONE	
US 5909642	A	01-06-1999	JP 10022844 A	23-01-1998
US 5712593	A	27-01-1998	NONE	
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